

FIG. 1

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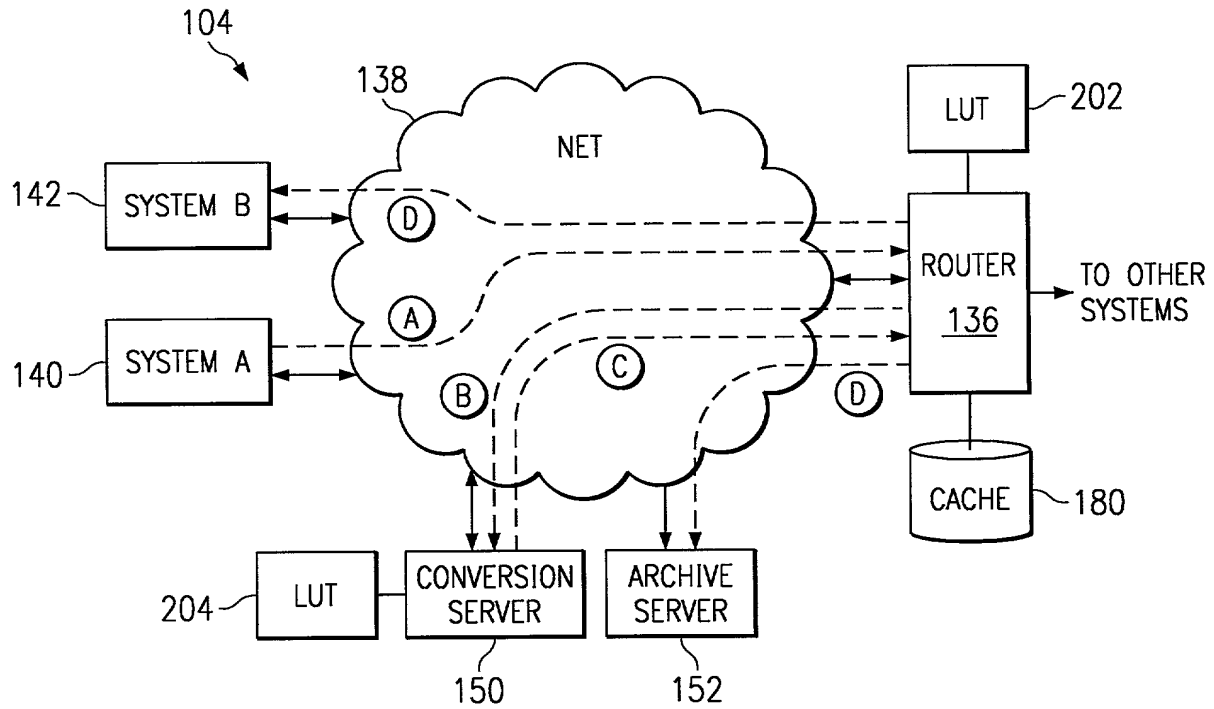


FIG. 2

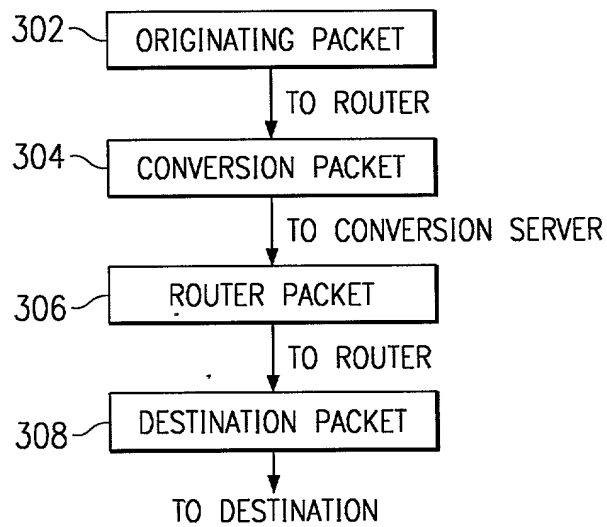


FIG. 3

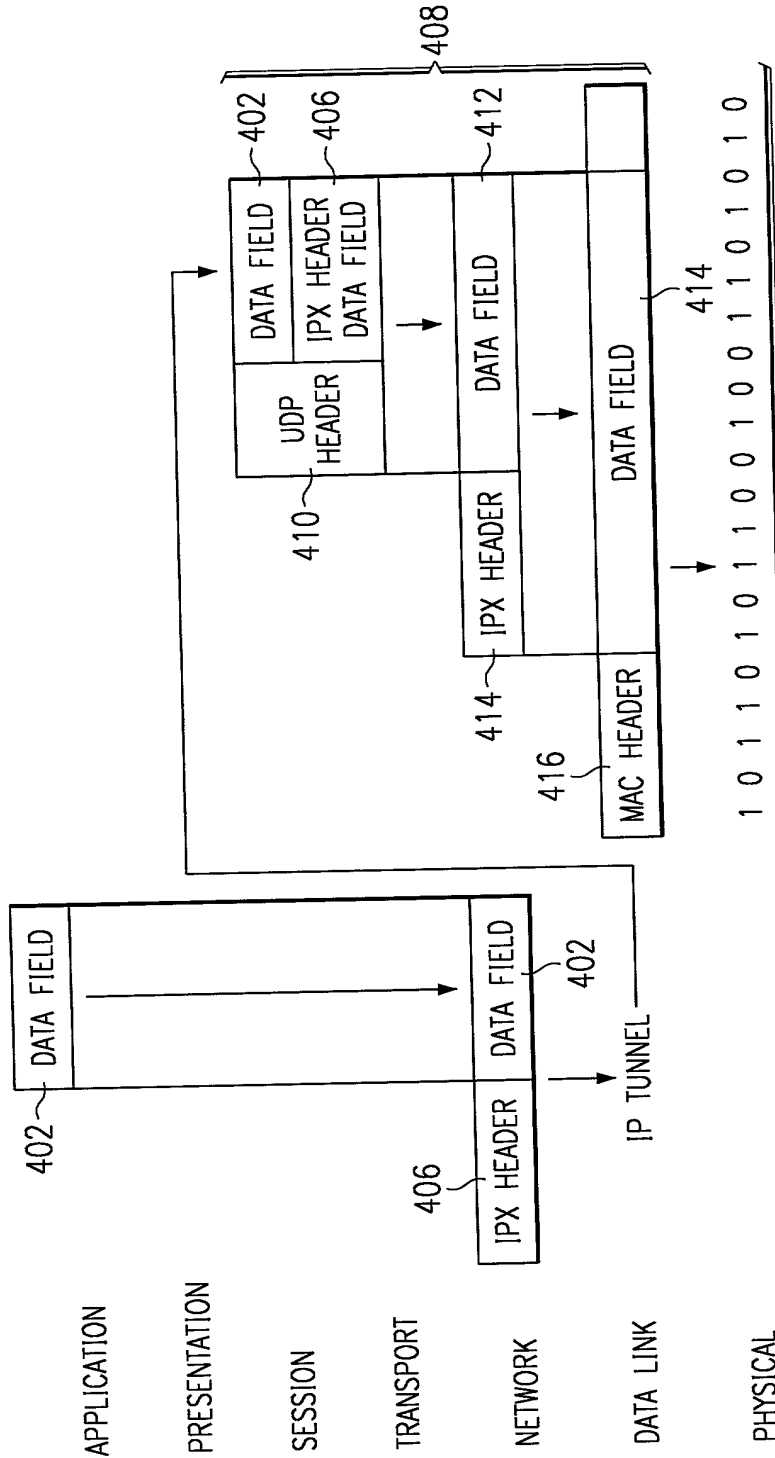
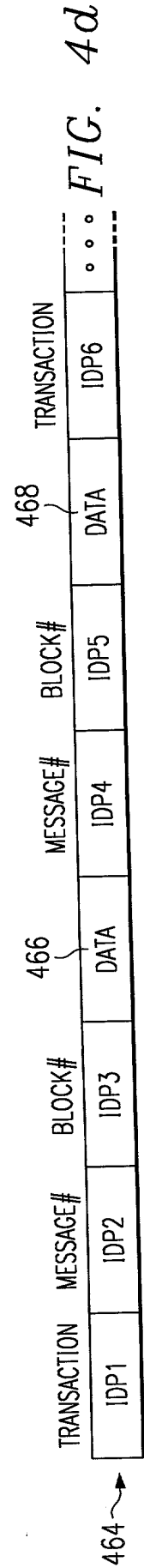
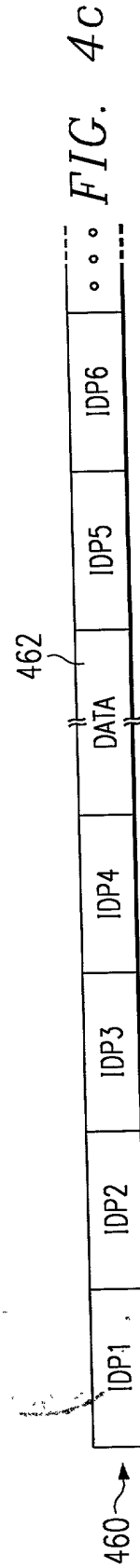
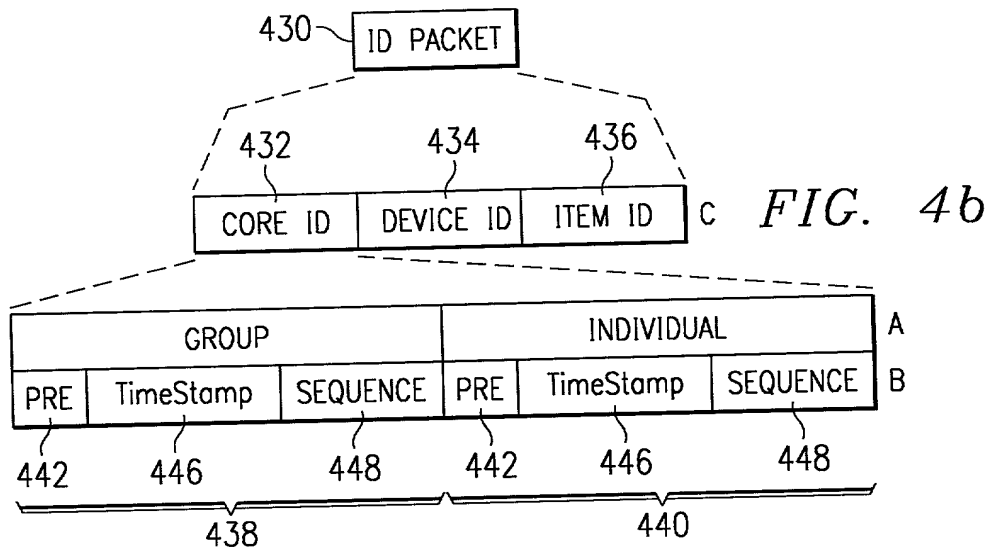


FIG. 4a



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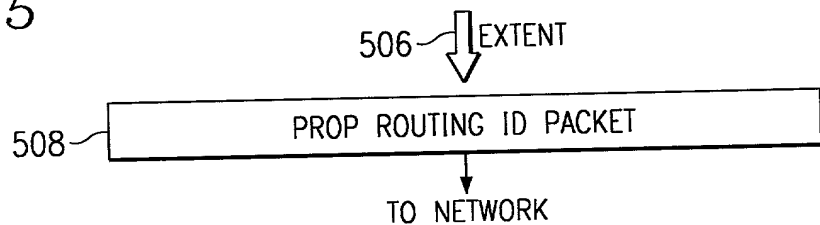


| RID | C1 | C2 | C3 | | CN | PROP DATE | PROP RID |
|------|----|----|----|----|----|-----------|----------|
| 0001 | XX | XX | XX | XX | XX | XX | XX |
| 0002 | XX | XX | XX | XX | XX | XX | XX |
| 0003 | XX | XX | XX | XX | XX | XX | XX |
| 0004 | XX | XX | XX | XX | XX | XX | XX |

| | | | | | | | |
|------|----|----|----|----|----|----|----|
| 0002 | XX | XX | XX | XX | XX | XX | XX |
| 0003 | XX | XX | XX | XX | XX | XX | XX |
| 0004 | XX | XX | XX | XX | XX | XX | XX |

| | | | | | | | |
|------|----|----|----|----|----|----|----|
| 0002 | XX | XX | XX | XX | XX | XX | XX |
| 0003 | XX | XX | XX | XX | XX | XX | XX |
| 0004 | XX | XX | XX | XX | XX | XX | XX |

FIG. 5



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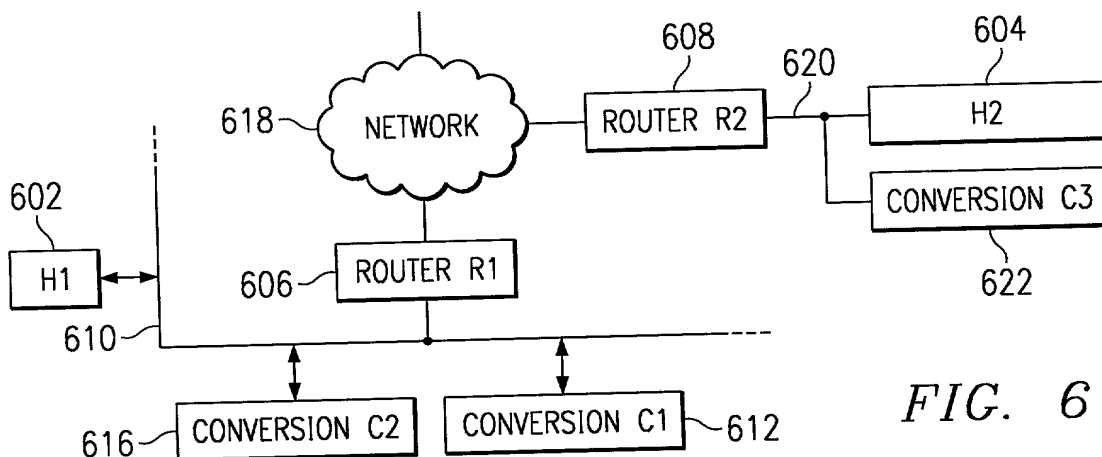


FIG. 6

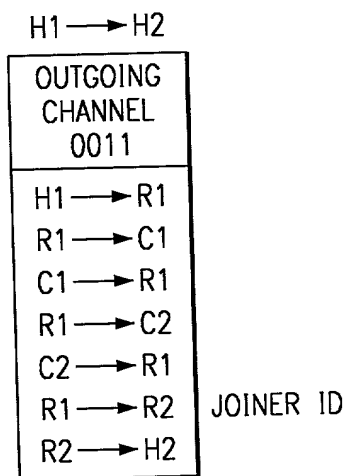


FIG. 7a

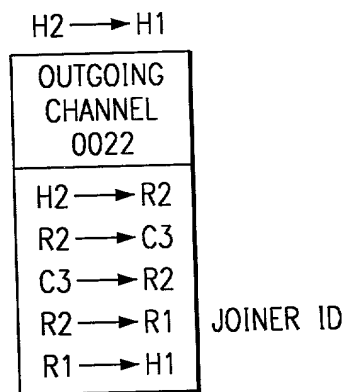


FIG. 7b

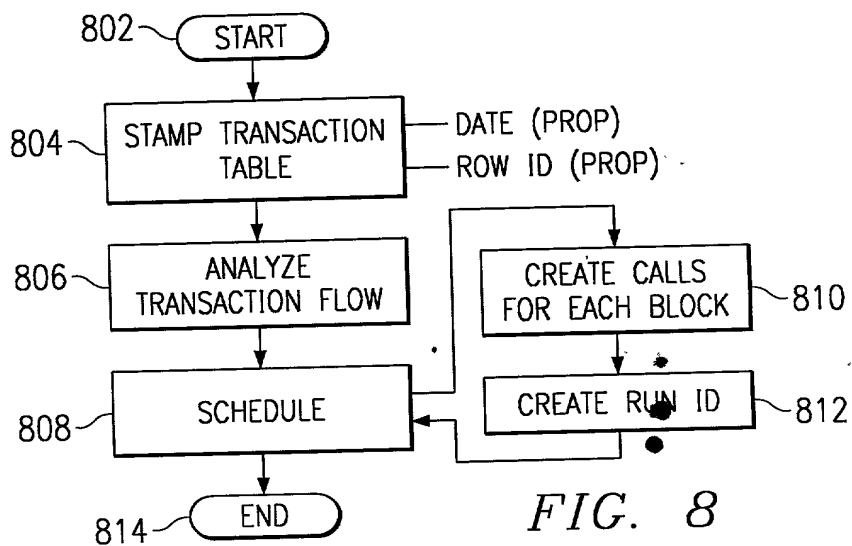


FIG. 8

09879571, 104204

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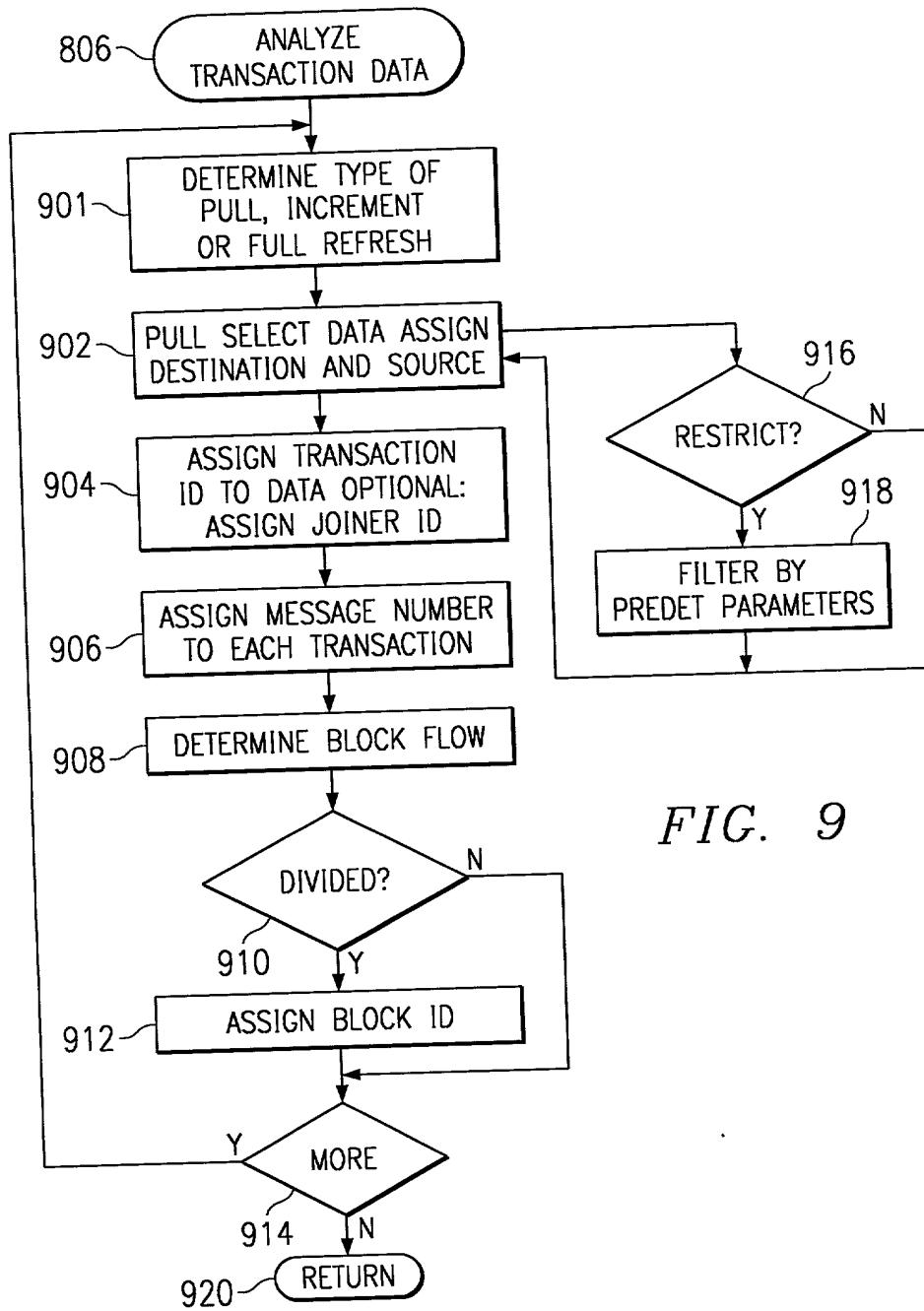


FIG. 9

| TRANS TABLE | | | | 1002 | 1004 | |
|----------------|----------------|-----------|--------|------|----------|--------|
| MESSAGE NUMBER | TRANSACTION ID | JOINER ID | ROW ID | DATE | BLOCK ID | RUN ID |
| | | | | | | |

FIG. 10

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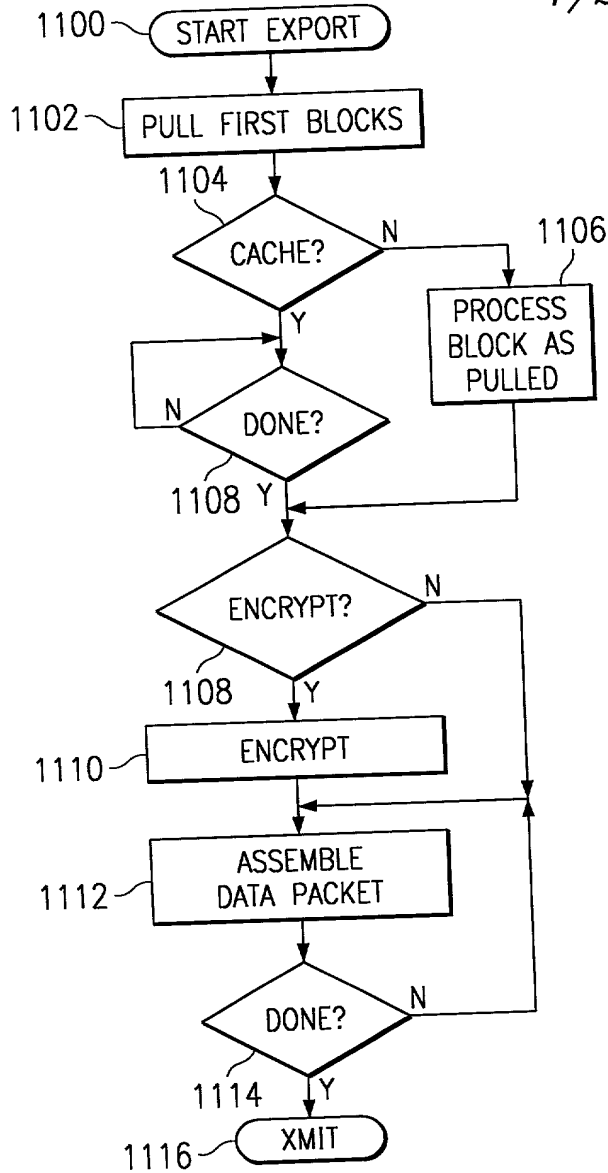


FIG. 11

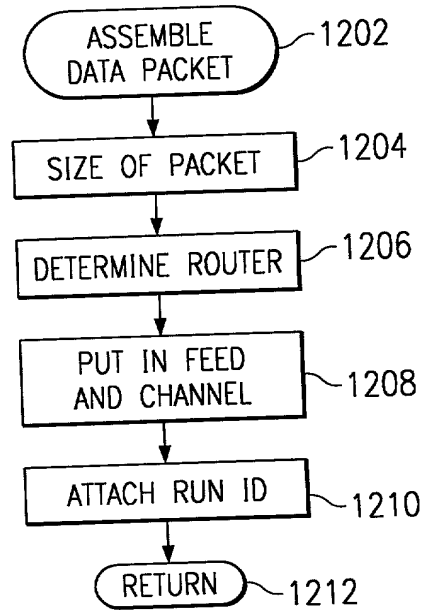


FIG. 12

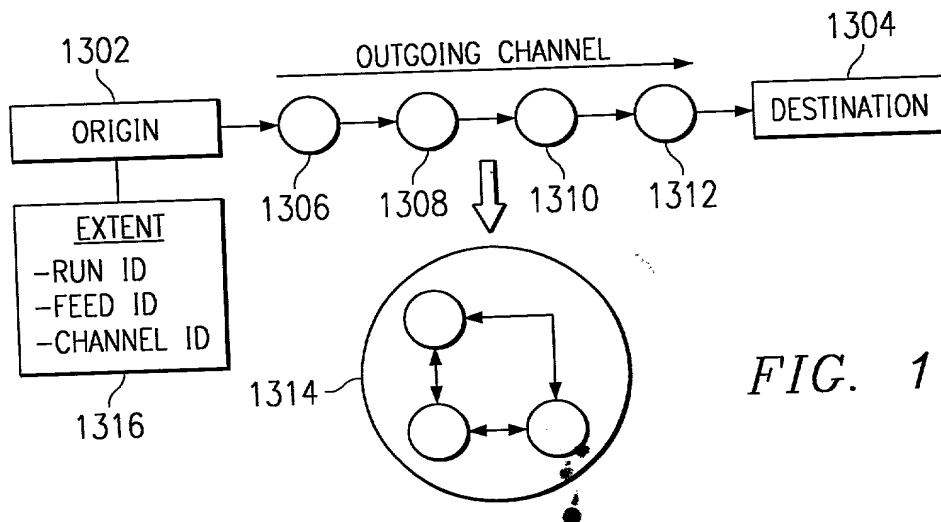


FIG. 13

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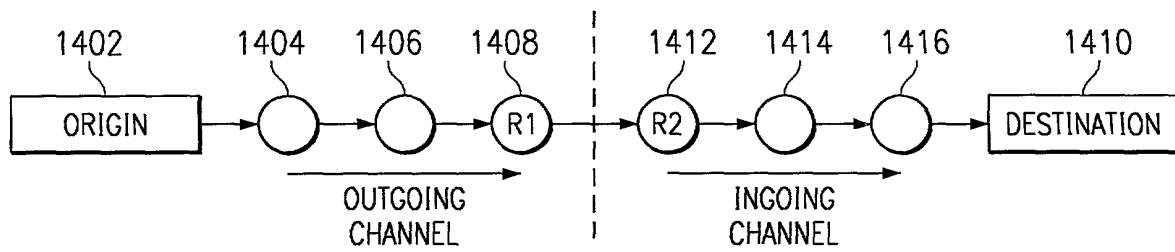


FIG. 14

| ROUTER R1 | | ROUTER R2 | |
|-----------|-------|-----------|-------|
| JOINER ID | IDPKT | JOINER ID | IDPKT |
| 0128 | XXXX | 0128 | ZZZZ |
| 0345 | YYYY | 0345 | WWWW |

FIG. 14a

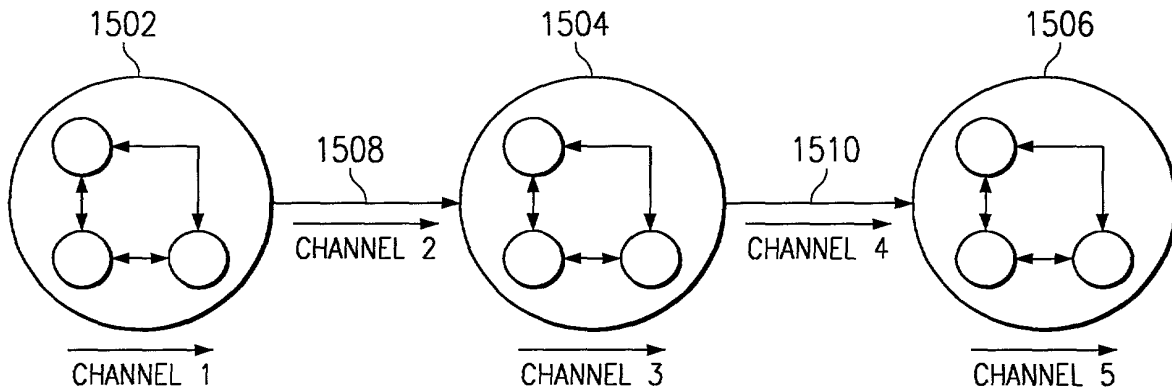


FIG. 15

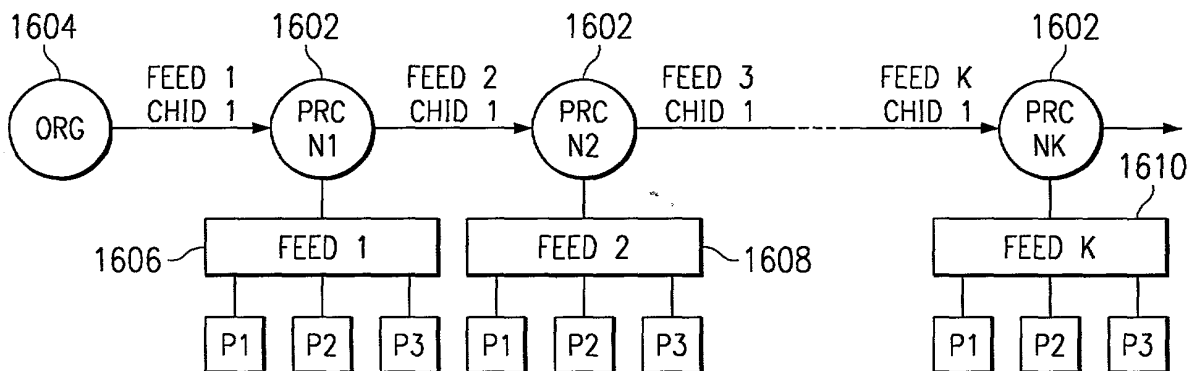


FIG. 16

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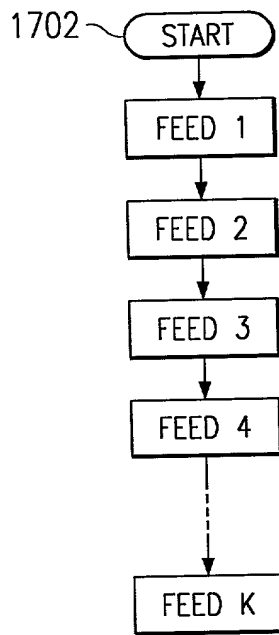


FIG. 17

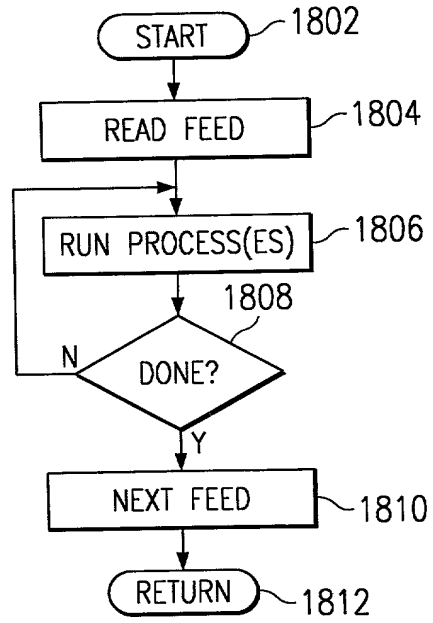


FIG. 18

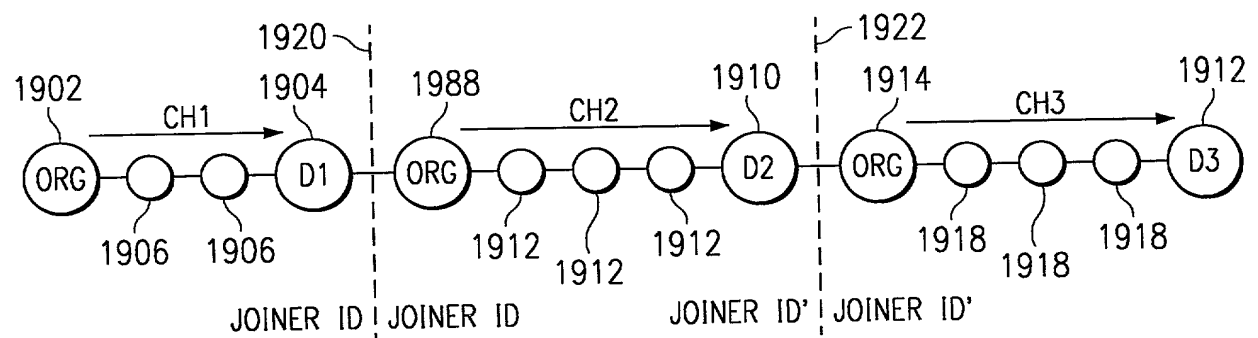


FIG. 19

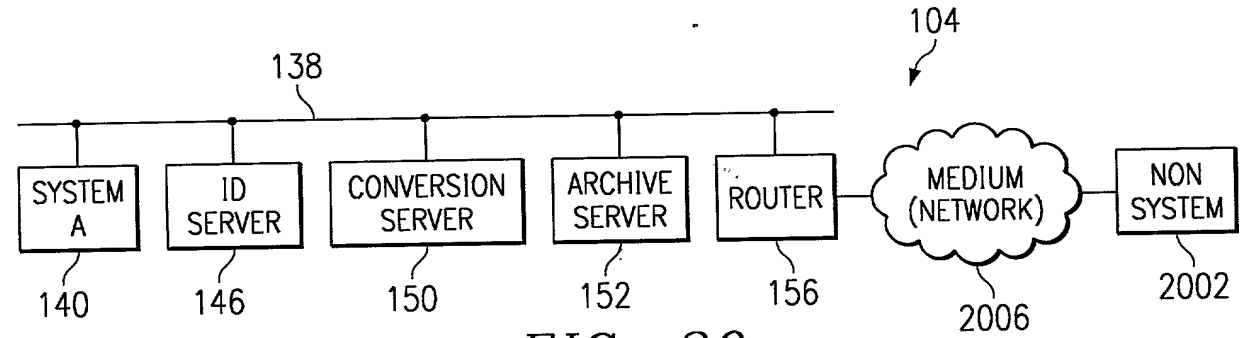


FIG. 20

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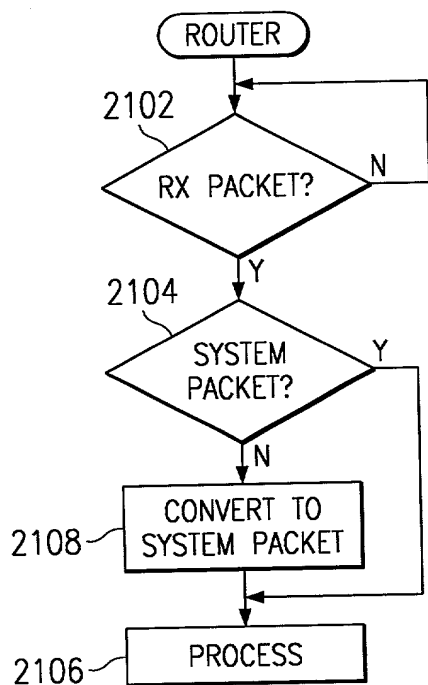


FIG. 21

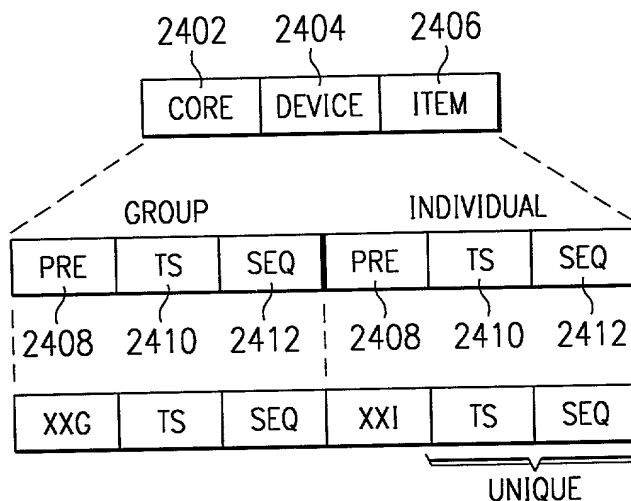


FIG. 24

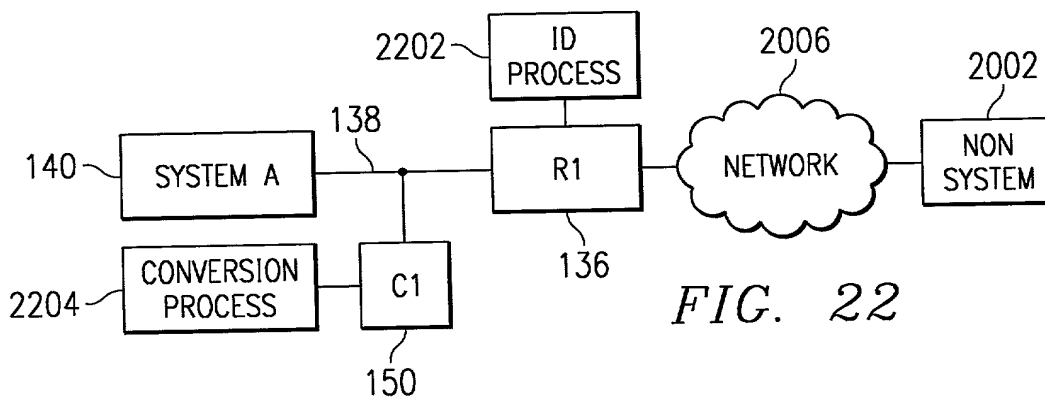


FIG. 22

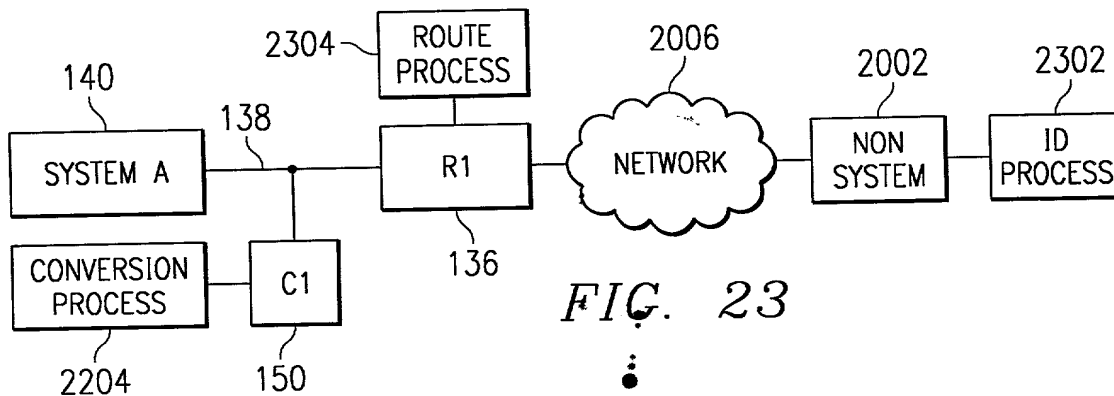


FIG. 23

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TABLE 1

| CORE (WHO) | DEVICE (WHERE) | ITEM (WHAT) |
|--------------------------|--|---|
| CORPORATION OR ENTITY | ASSIGNEE OF THE PACKET, e.g., COMPUTER, PHONE, ETC | OBJECT, e.g., ARTICLE, NET ADDRESS, REAL ESTATE PROPERTY, ETC |

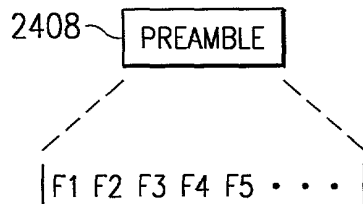


TABLE 2

| F1 | F2 | F3 | F4 | F5 | TS/SEQ | CONTENT |
|----|----|----|----|----|--------|---------|
| A | B | Z | C | W | XXXX | _____ |
| C | T | Q | I | C | XXXX | _____ |
| F | L | A | K | L | XXXX | _____ |
| G | M | B | R | S | XXXX | _____ |

FIG. 25

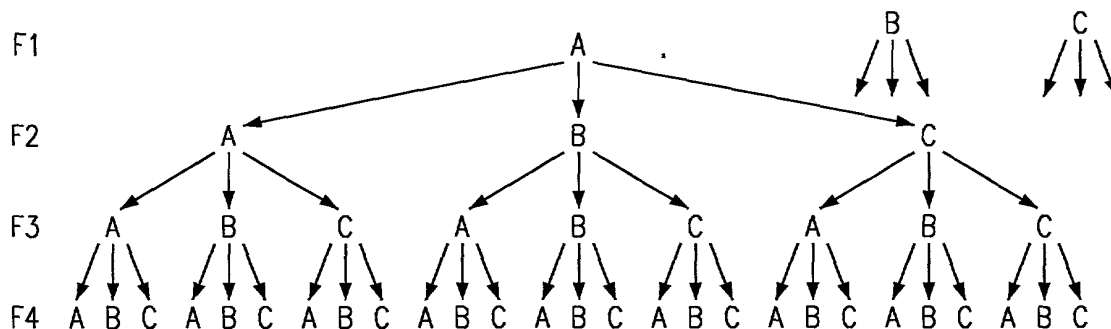


FIG. 26

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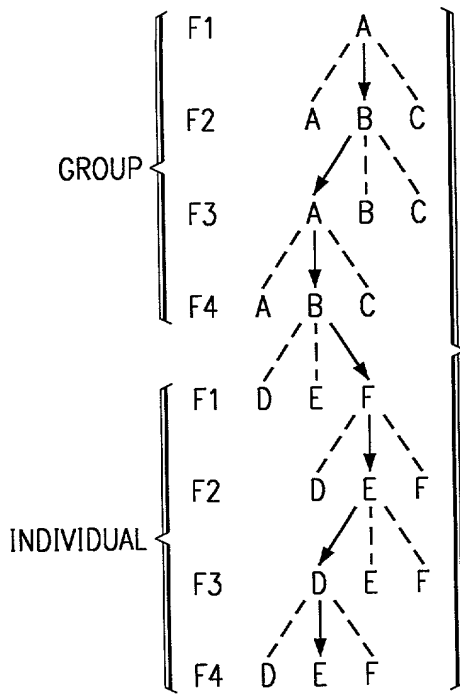


FIG. 27

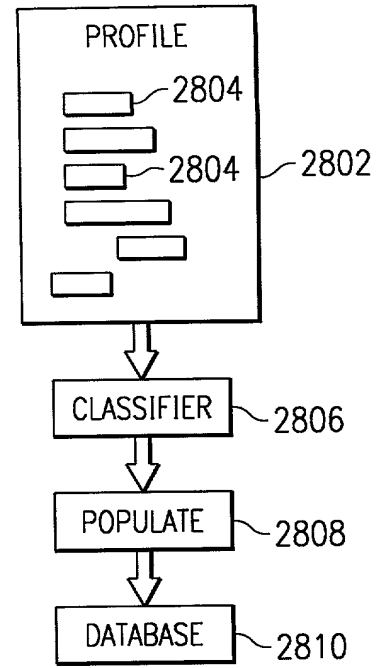


FIG. 28

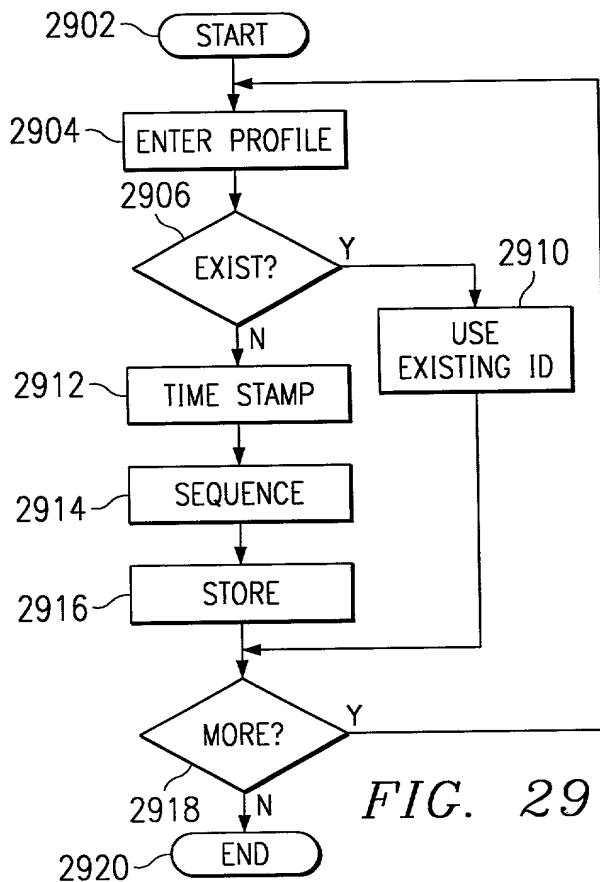


FIG. 29

PP (CATHETER) CI → PPCBIITS/S
PP (CATHETER) CI → PPCLIITS/S
PP (CATHETER) CI → PPCLIITS/S
PP (CATHETER) VI → PPCPIITS/S

FIG. 30

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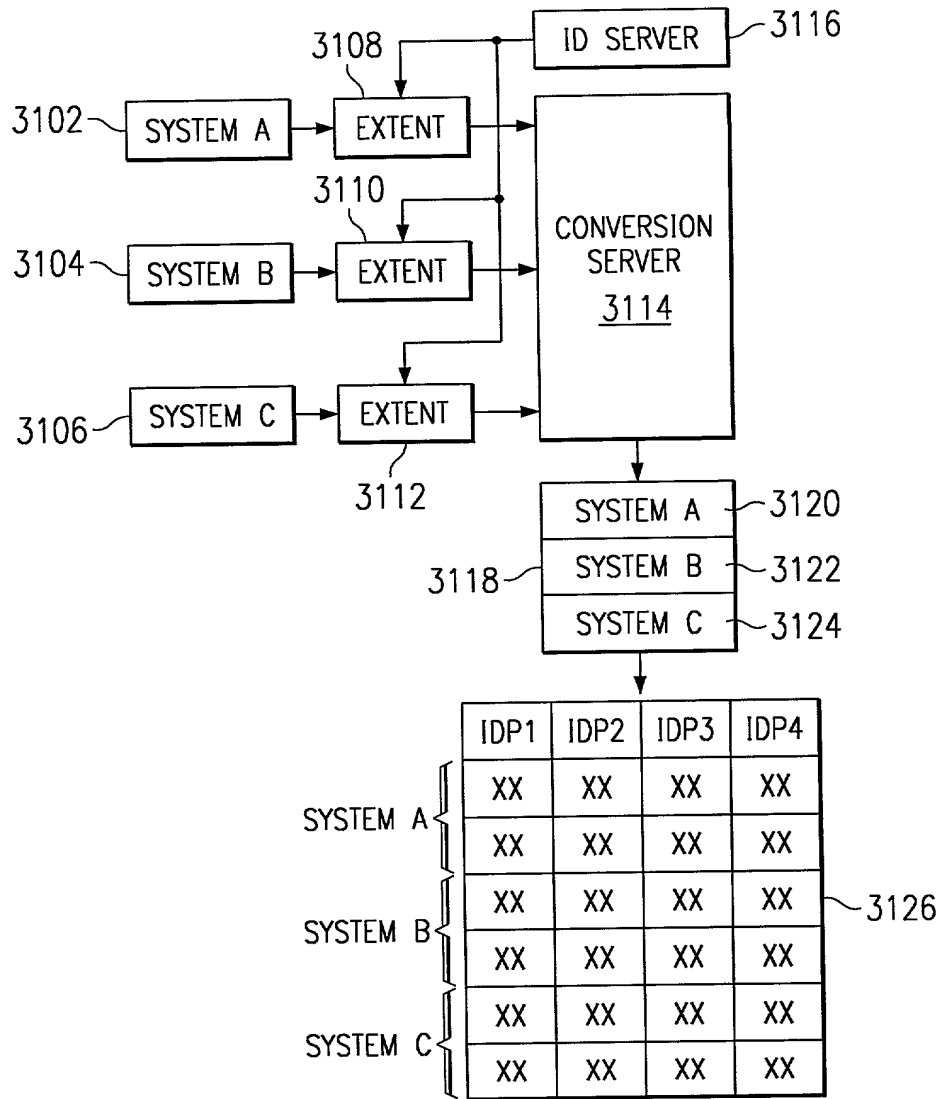


FIG. 31

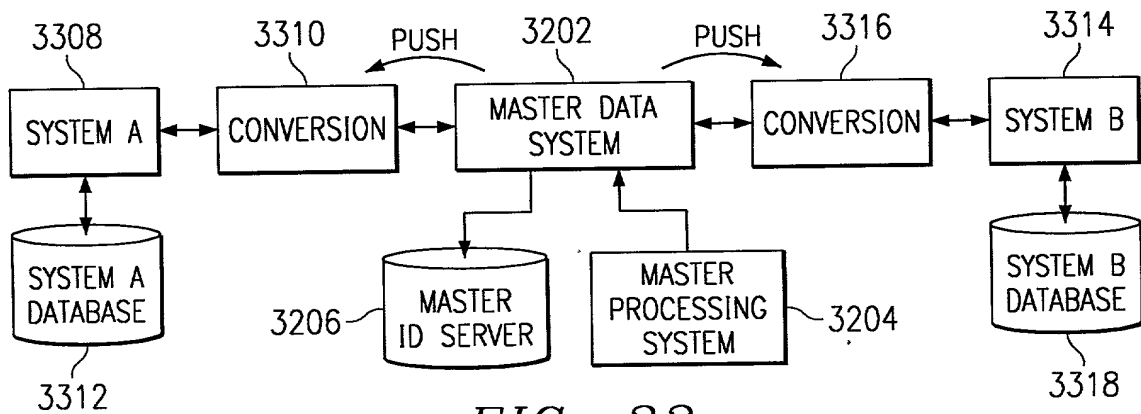
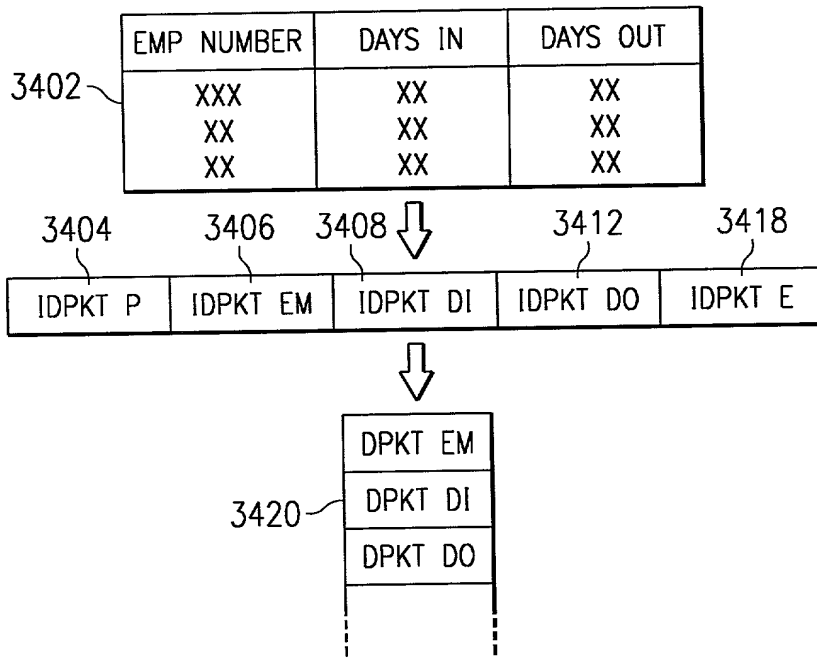
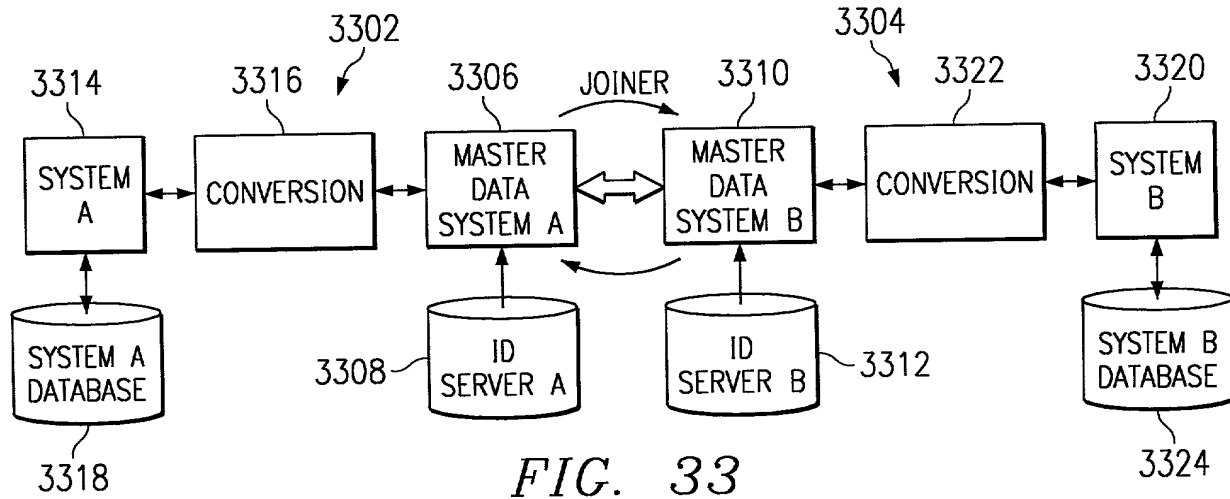


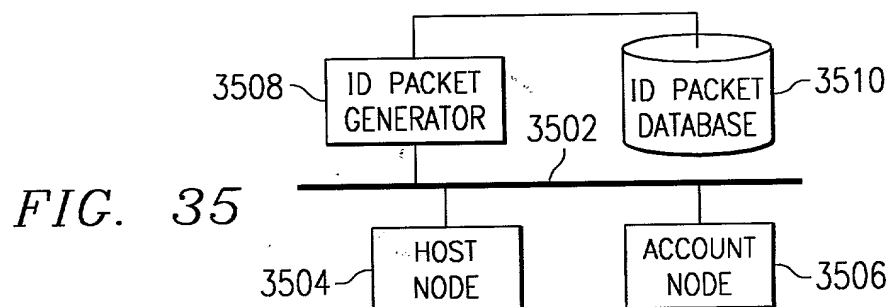
FIG. 32

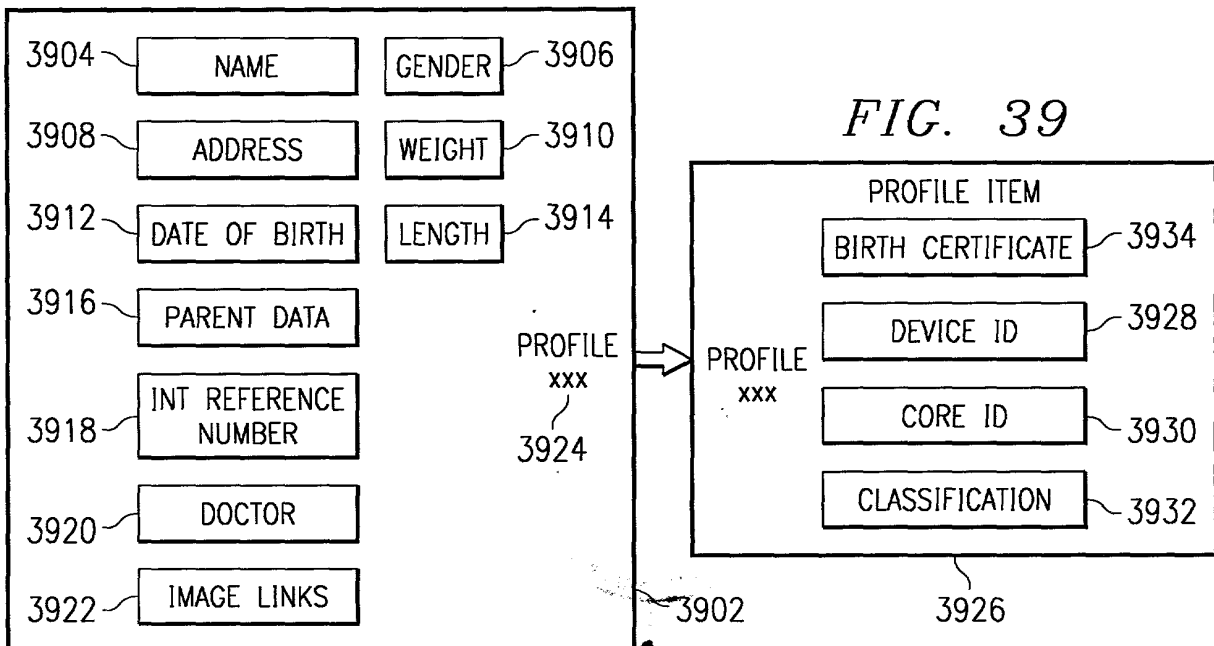
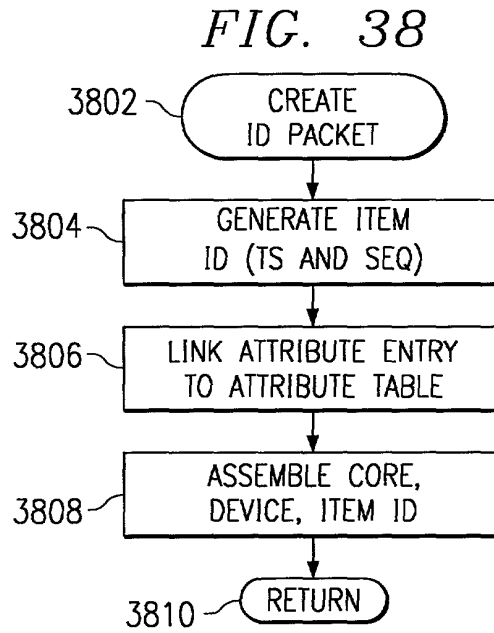
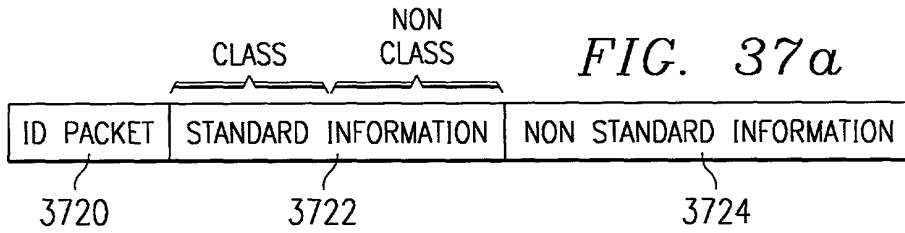
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| EMP | IDPKT |
|-------|-------|
| EMP 1 | DIN |
| EMP 1 | DOUT |
| EMP 2 | DIN |
| EMP 2 | DOUT |

FIG. 34a





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FIG. 40

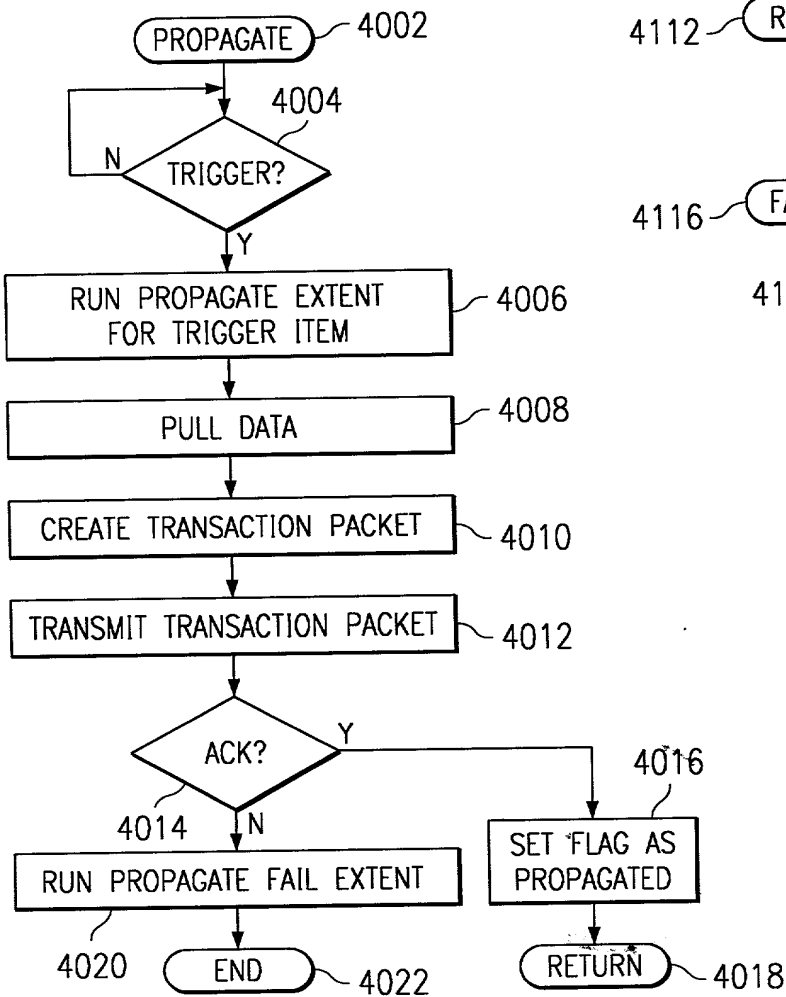
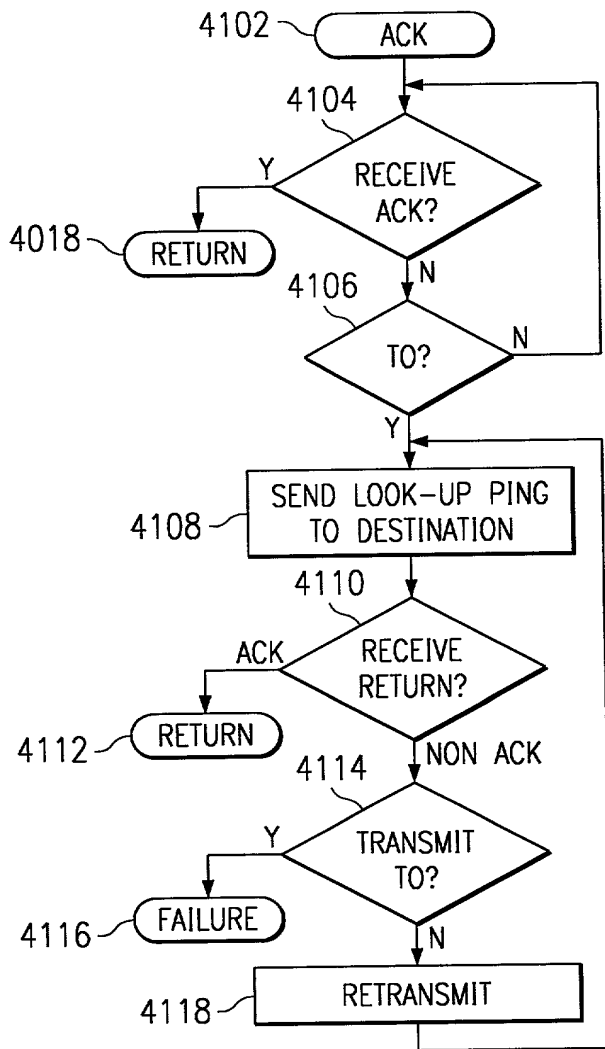


FIG. 41



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FIG. 43

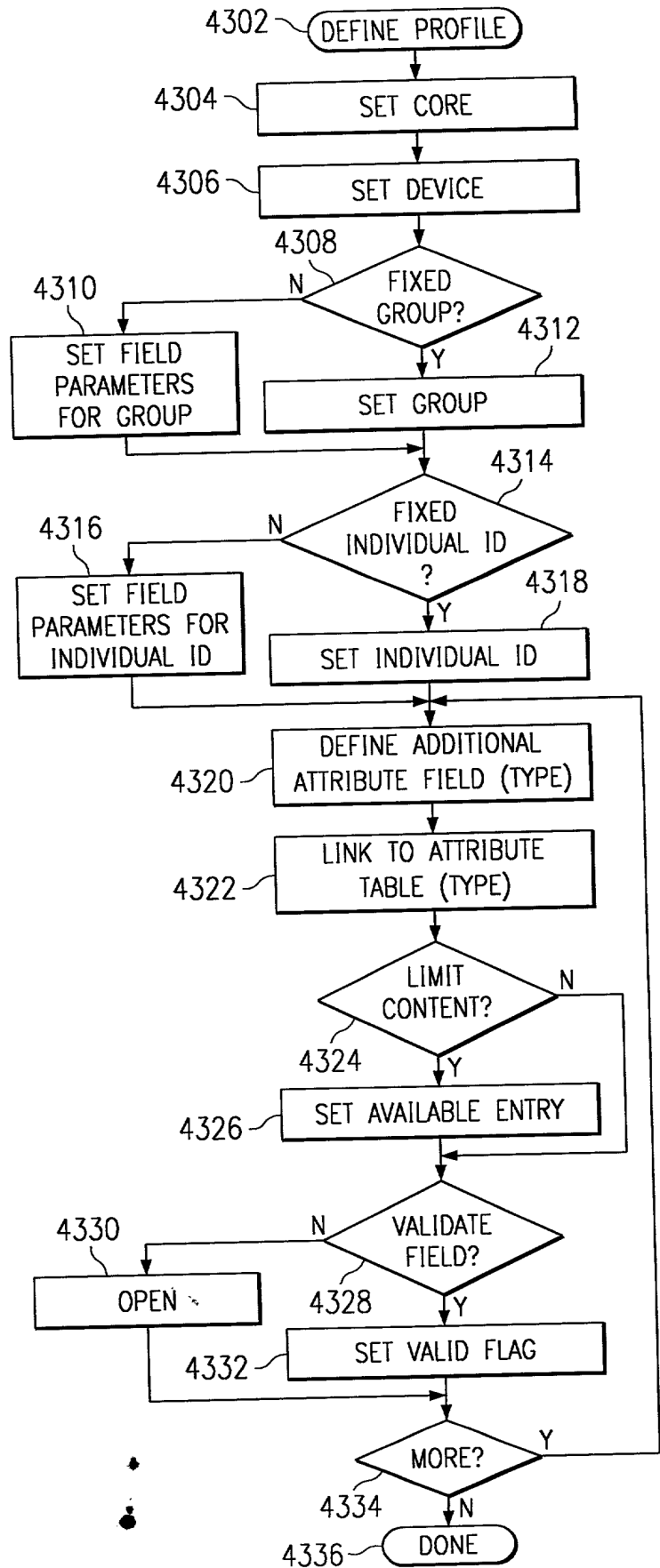
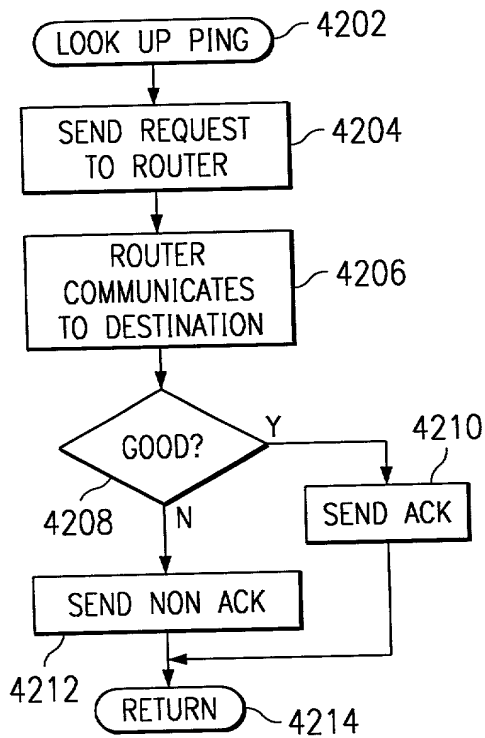


FIG. 42



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FIG. 44

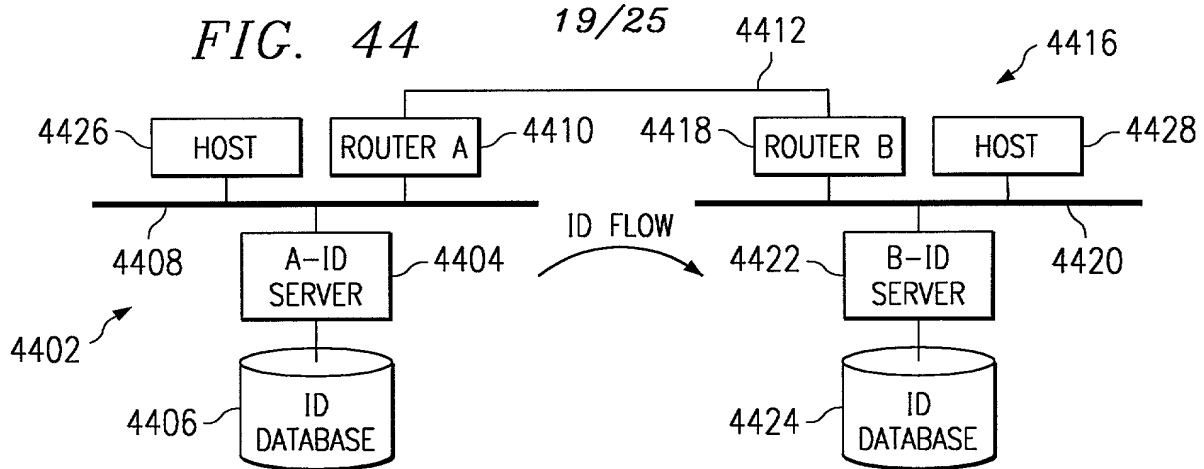


FIG. 46

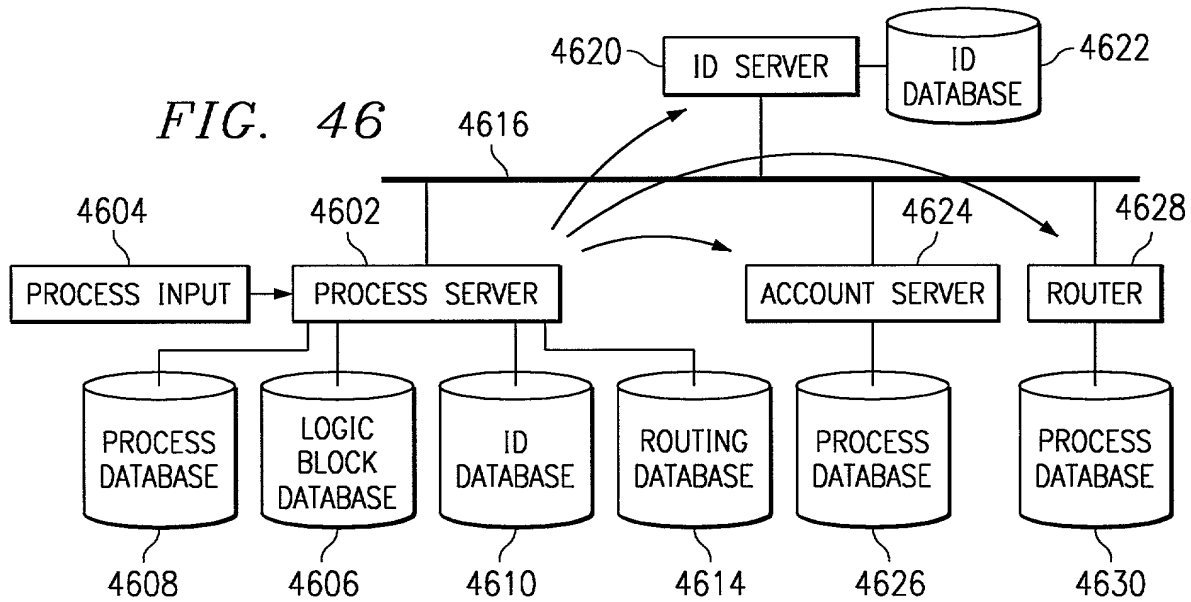
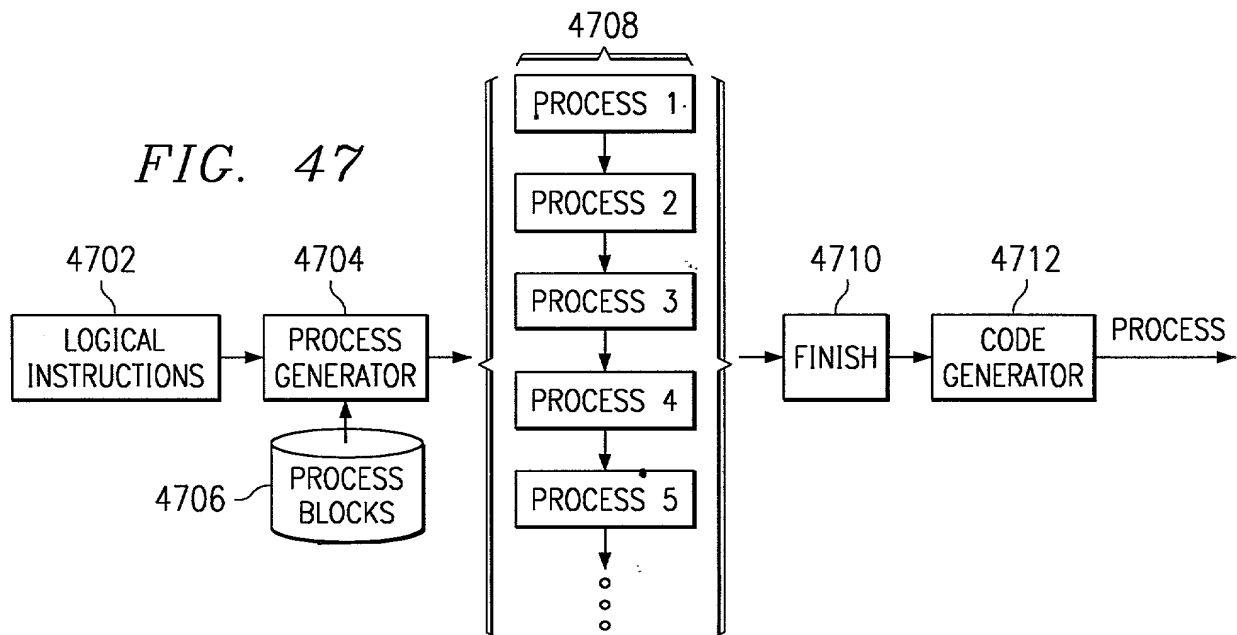


FIG. 47



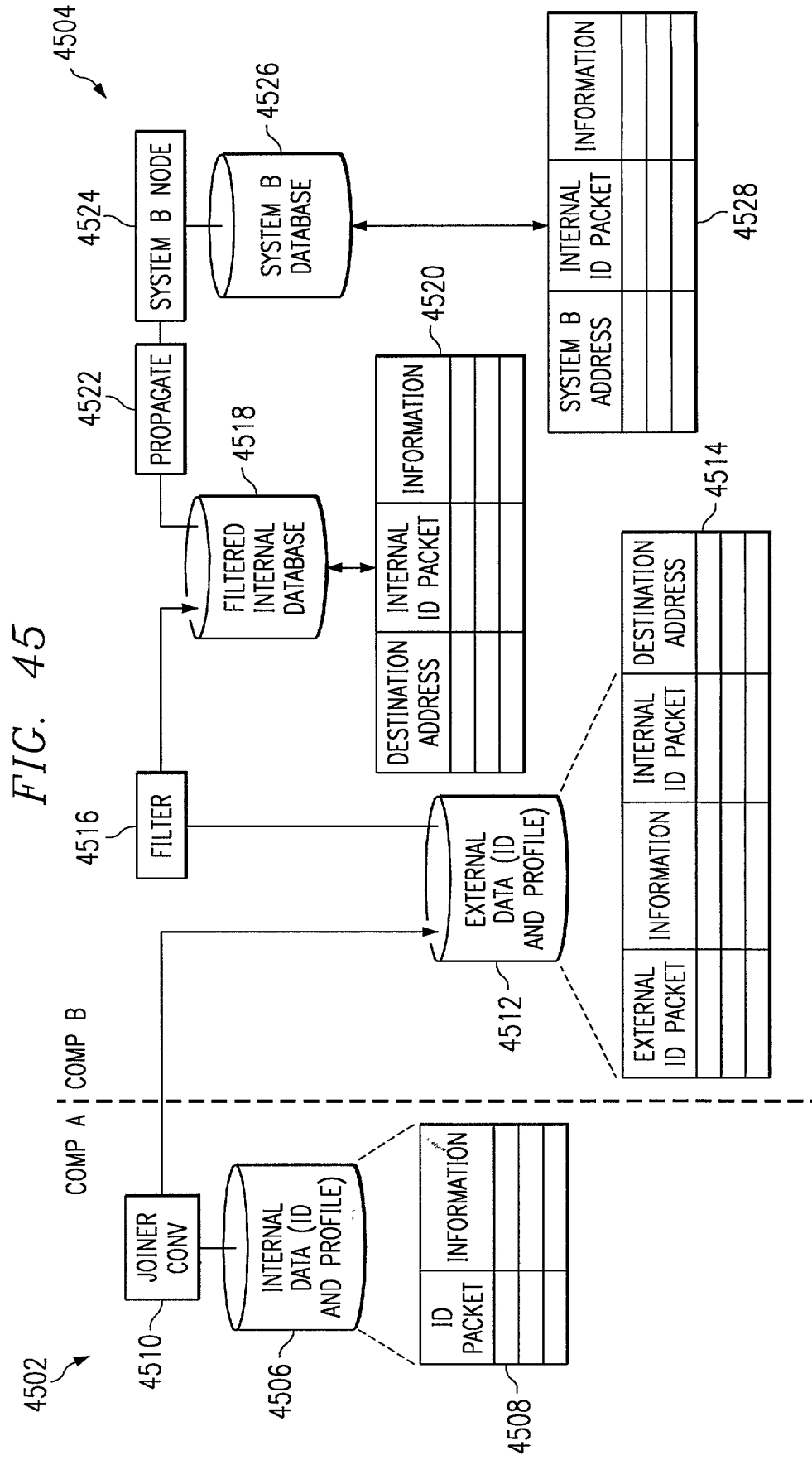


FIG. 48

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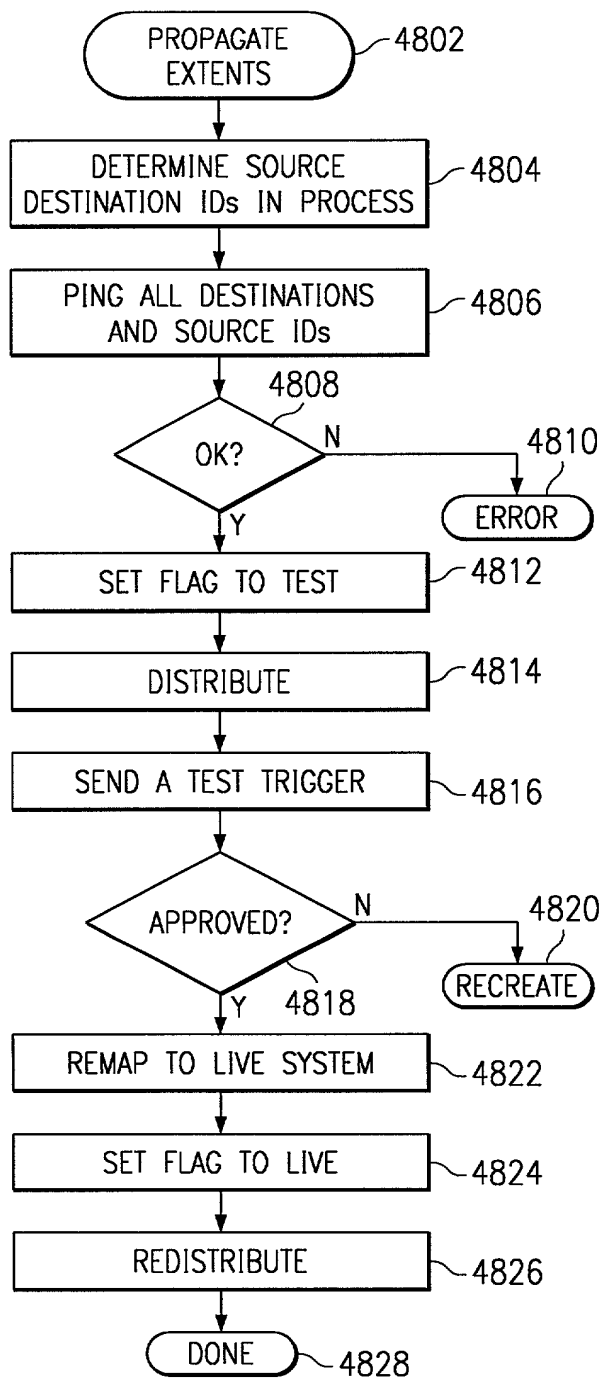


FIG. 49

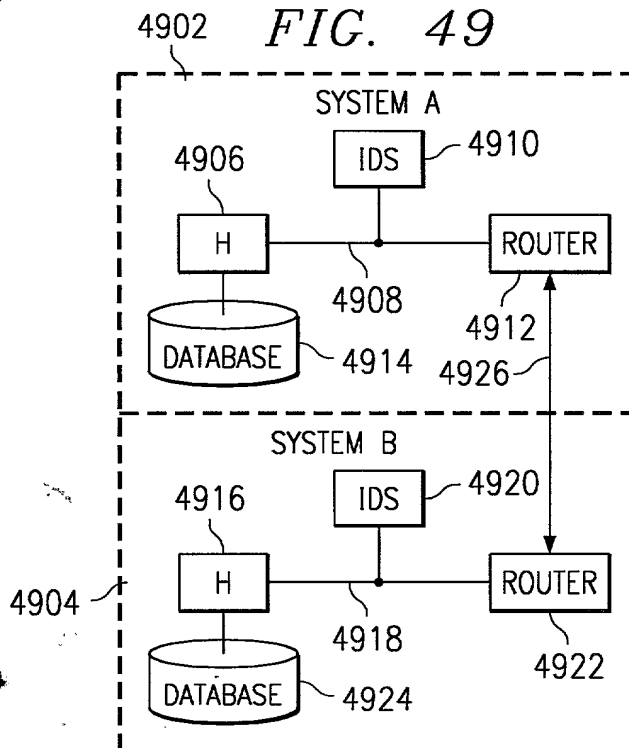


FIG. 50

| VENDOR | SYSTEM A | | SYSTEM B | |
|--------|----------|-------|----------|-------|
| | VID | IDPKT | VID | IDPKT |
| ABC | 123 | xxx | 567 | yyy |
| | | | | |

FIG. 51

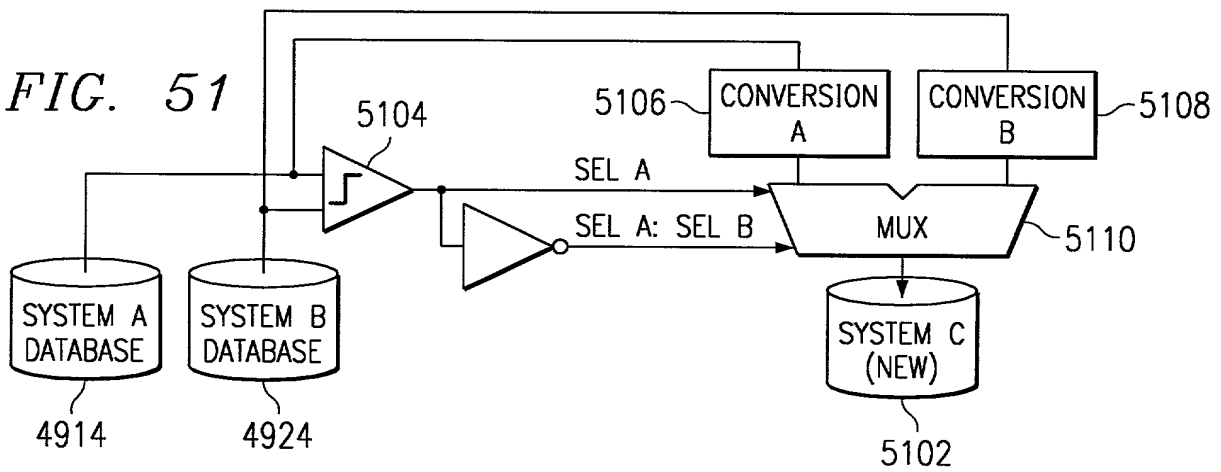
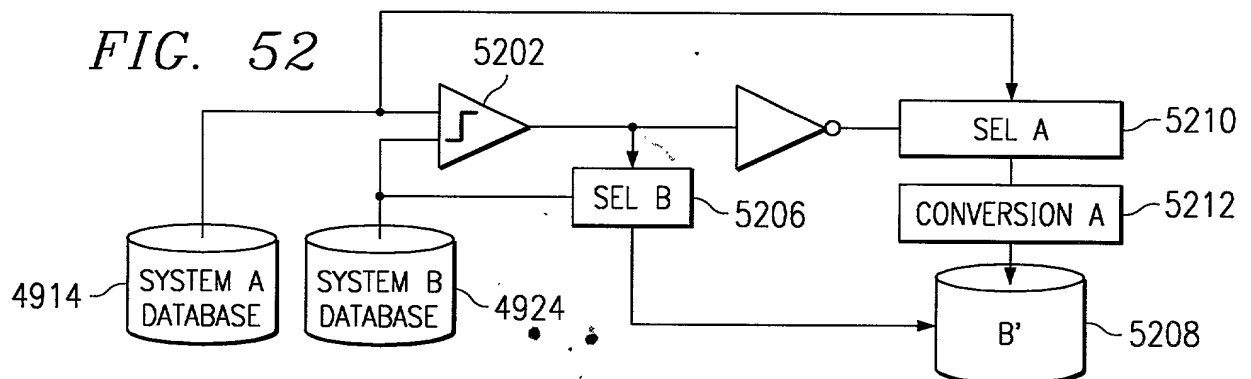


FIG. 52



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FIG. 53

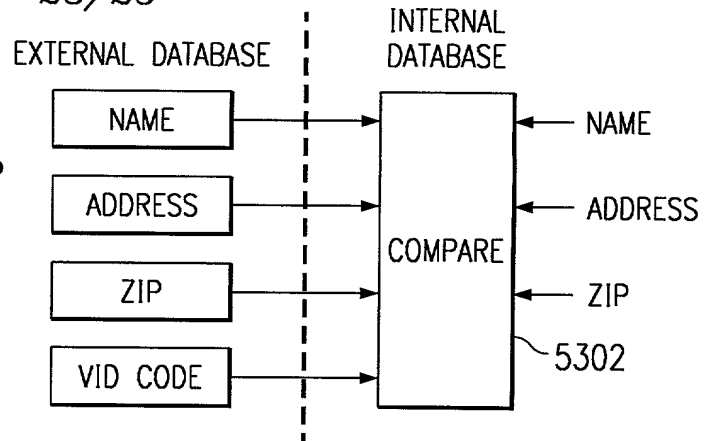


FIG. 54

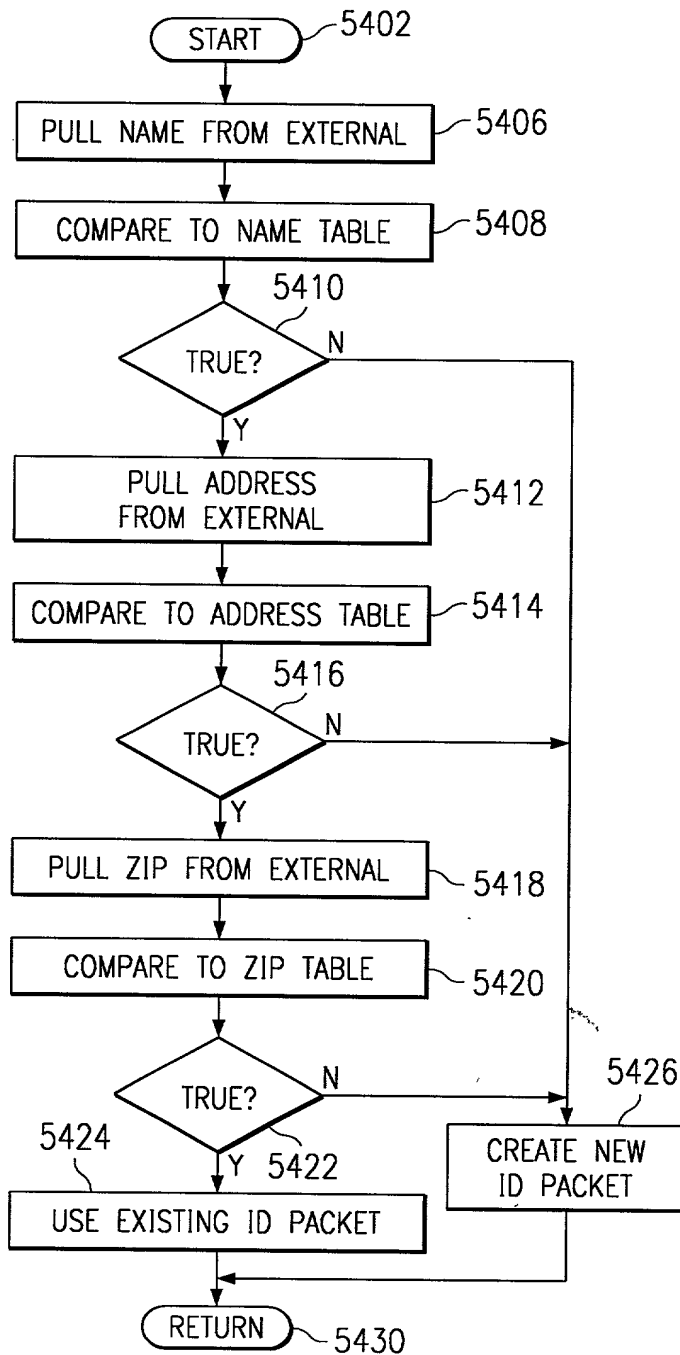


FIG. 59

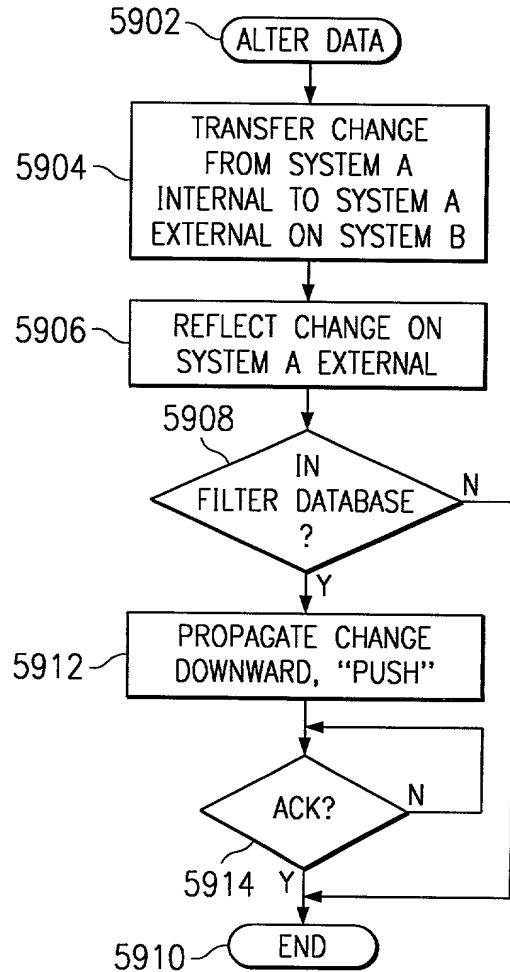


FIG. 55

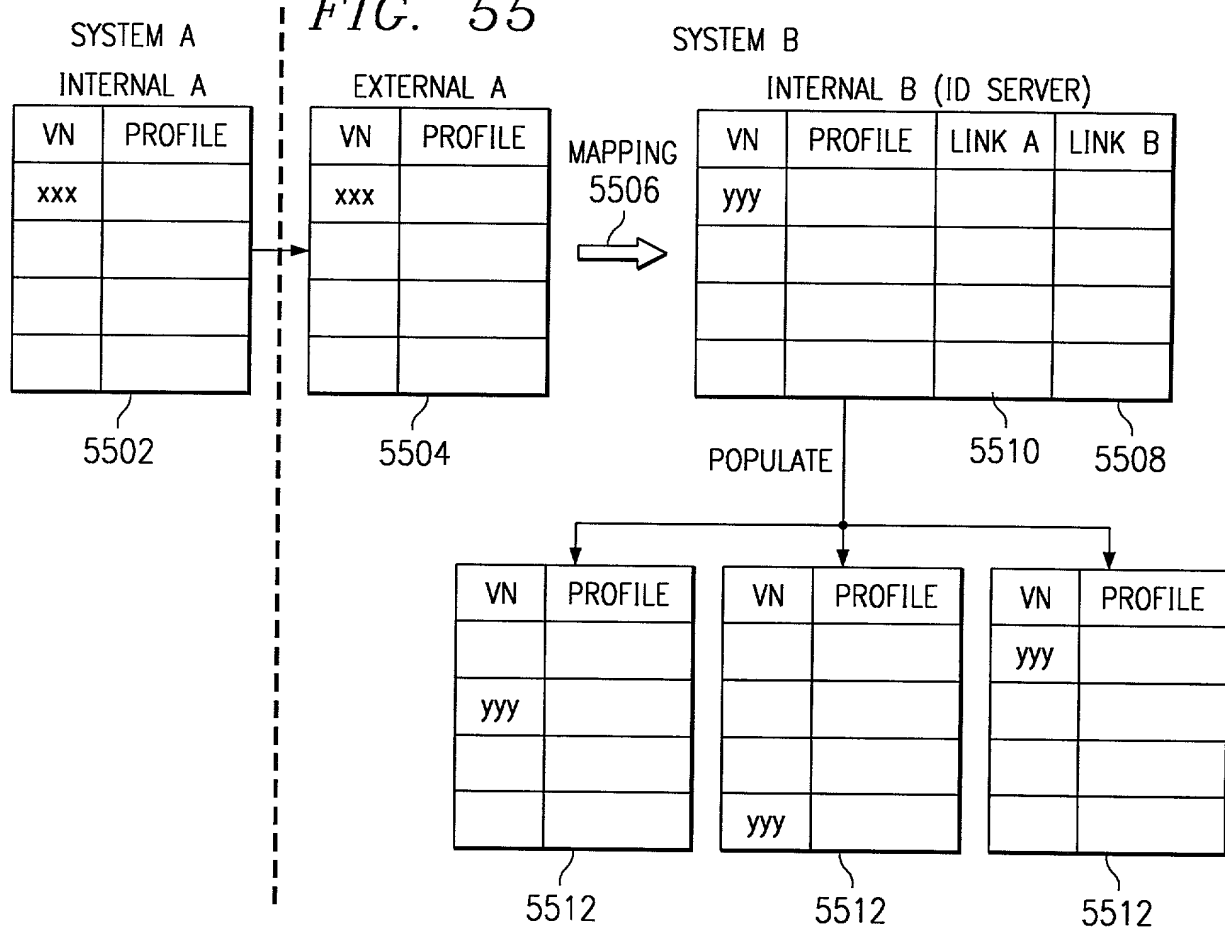
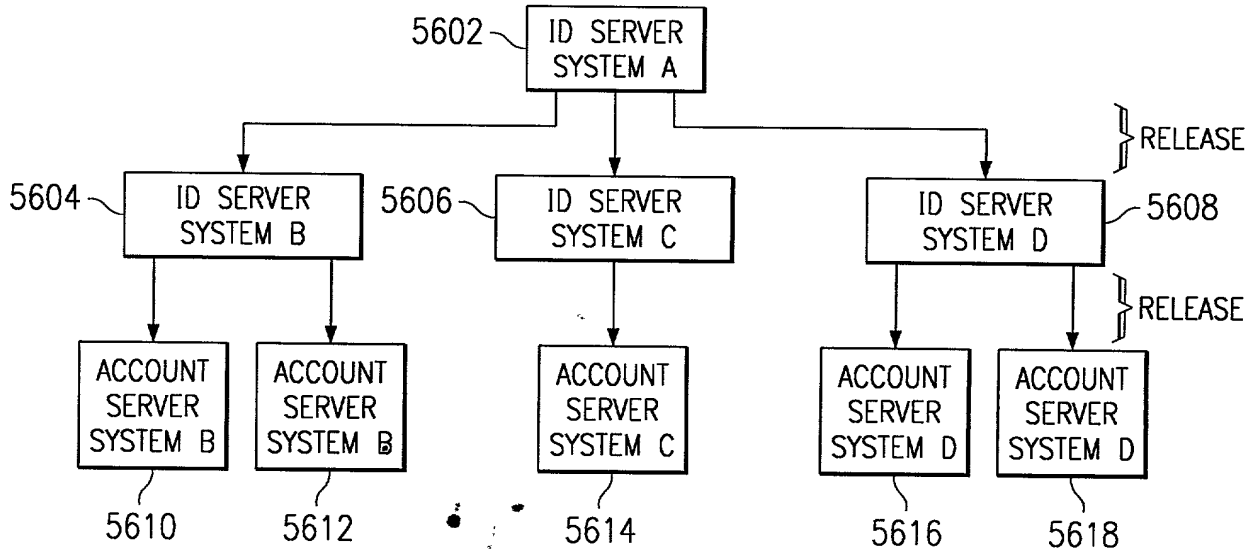


FIG. 56



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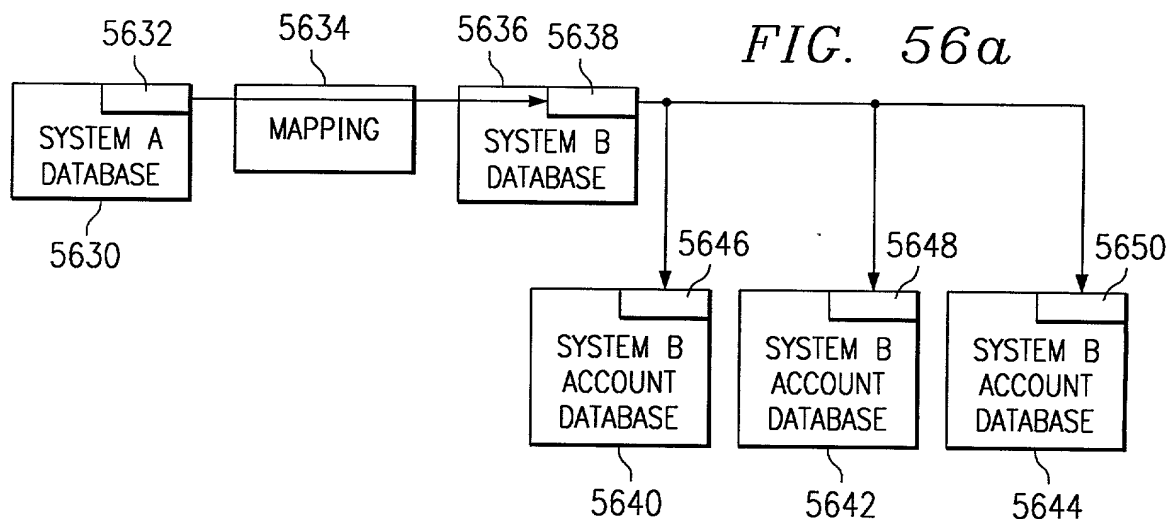


FIG. 57

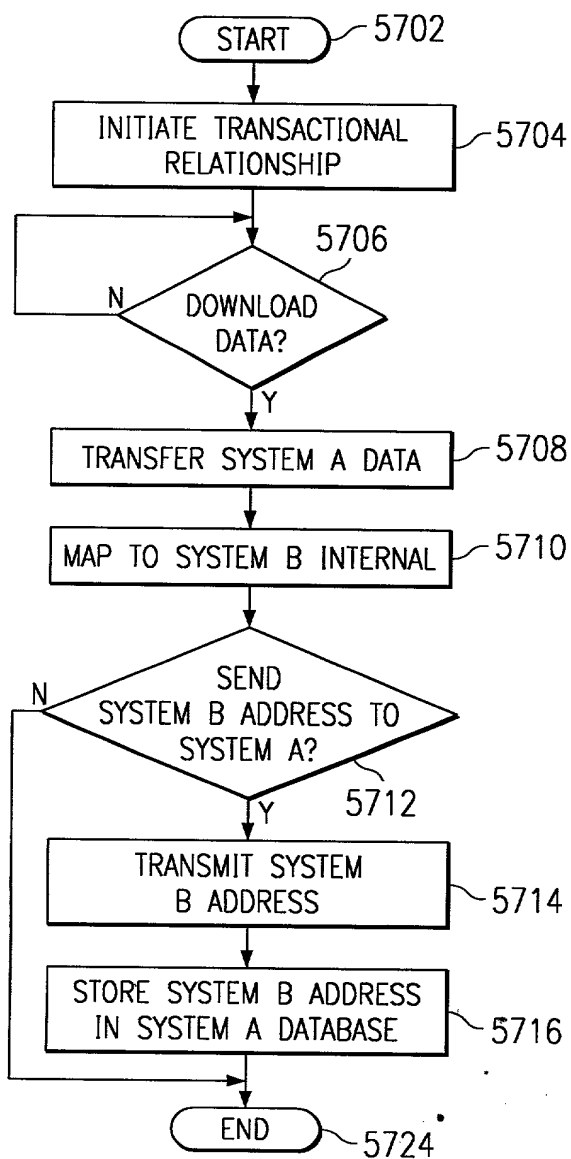


FIG. 58

